



Part #6

006450-367

Marked-Up Copy of Substitute Specification Filed February 28, 2003

BOTANICAL / COMMERCIAL CLASSIFICATION

Rosa hybrida / Floribunda Rose Plant

VARIETAL DENOMINATION

cv. 'Meichibon'

Summary of the Invention

The new variety of *Rosa hybrida* Floribunda rose plant was created by artificial pollination wherein two parents were crossed which previously had been studied in the hope that they would contribute the desired characteristics. The female parent (*i.e.*, the seed parent) of the new variety was the product of the cross of the 'Meibaltaz' variety (United States Plant Patent No. 8,499) and the 'Landora' variety (non- patented in the United States). The male parent (*i.e.*, the pollen parent) was the 'Delge' variety (non-patented in the United States). The parentage of the new variety can be summarized as follows:

('Meibaltaz' × 'Landora') × 'Delge'.

The seeds resulting from the above pollination were sown and small plants were obtained which were physically and biologically different from each other. Selective study resulted in the identification of a single plant of the new variety.

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It was found that the new variety of Floribunda rose plant of the present invention possesses the following combination of characteristics:

- (a) forms on a very abundant basis attractive double very pale yellow blossoms,
- (b) exhibits a vigorous bushy growth habit,
- (c) displays very good disease resistance,
- (d) forms attractive very dense medium green semi-glossy foliage, and
- (e) is particularly well suited for growing as ornamentation in parks and gardens.

The new variety can be readily distinguished from its ancestors. More specifically, the 'Meibaltaz' variety displays a shorter growth habit. The 'Landora' variety is a hybrid tea that displays distinctive flowers that are yellow-ochre in coloration. The 'Delge' variety displays dissimilar pink flowers.

The new variety well meets the needs of the horticultural industry and is particularly well suited for growing in the landscape.

The new variety has been found to undergo asexual propagation in France by a number of routes, including budding, grafting, and cutting. Asexual propagation by the above-mentioned techniques in France has shown that the characteristics of

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the new variety are stable and are strictly transmissible by such asexual propagation from one generation to another.

The new variety has been named the 'Meichibon' variety.

Brief Description of the Photograph

The accompanying photograph shows as nearly true as it is reasonably possible to make the same, in a color illustration of this character, typical specimens of the plant parts of the new variety. The rose plants of the new variety were two years of age and were observed during June while budded on Rosa froebelli understock and growing outdoors at Le Cannet des Maures, Var, France. Dimensions in centimeters are indicated at the bottom of the photograph.

Fig. 1 - illustrates a specimen of a young shoot;

Fig. 2 - illustrates a specimen of a floral bud before the opening of the sepals;

Fig. 3 - illustrates a specimen of a floral bud at the opening of the sepals;

Fig. 4 - illustrates a specimen of a floral bud at the opening of the sepals;

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Fig. 5 - illustrates a specimen of a flower in the course of opening;

Fig. 6 - illustrates a specimen of an open flower - plan view - obverse;

Fig. 7 - illustrates a specimen of an open flower - plan view - reverse;

Fig. 8 - illustrates a specimen of a fully open flower - plan view - obverse;

Fig. 9 - illustrates a specimen of a fully open flower - plan view - reverse;

Fig. 10 - illustrates a specimen of a floral receptacle showing the arrangement of the stamens and pistils;

Fig. 11 - illustrates a specimen of a floral receptacle showing the arrangement of the pistils (stamens removed);

Fig. 12 - illustrates a specimen of a flowering stem;

Fig. 13 - illustrates a specimen of a main branch;

Fig. 14 - illustrates a specimen of a leaf with three leaflets - plan view - upper surface

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Fig. 15 - illustrates a specimen of a leaf with five leaflets - plan view - under surface; and

Fig. 16 - illustrates a leaf with seven leaflets - plan view - upper surface.

Detailed Description

The chart used in the identification of the colors is that of the Royal Horticultural Society (R.H.S. Colour Chart). The description is based on the observation of two year-old plants during September while budded on Rosa froebelli understock and growing outdoors at Le Cannet des Maures, Var, France. The coloration in common terms precedes reference to the chart in some instances.

CLASS: Floribunda.

PLANT:

height -- approximately 90 cm on average at the end of the growing season.

width -- approximately 70 to 90 cm on average at the end of the growing season.

habit -- bushy.

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color -- young stems: near Yellow-Green
Group 146A.

-- adult wood: near Yellow-Green
Group 146C.

thorns -- size: medium (as illustrated).
-- quantity: [moderately] numerous (as
illustrated). On a stem of 20 cm in length
approximately 17 thorns commonly are
present on average.

-- color: near Greyed-Orange Group 165A
and 165B.

-- shape: rather flat on upper surface and
slightly concave on the under surface.

LEAVES:

stipules -- adnate, pectinate, and rather broad.

petioles -- upper surface: near Green Group 139A in
coloration.

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- under surface: near Yellow-Green
Group 146B in coloration.
- leaflets -- number: 3, 5, and 7.
- shape: ovate.
- serration: regular (as illustrated).
- texture: consistent and rather firm.
- general appearance: very dense, medium green, and semi-glossy foliage.
- color (young foliage):
upper surface: near Green Group 139A
with some anthocyanin coloration of near
Greyed-Purple Group 183B.
- under surface: near Yellow-Green
Group 146A with some anthocyanin
coloration of Greyed-Purple Group 183D.
- color (adult foliage):
upper surface: near Green Group 139A.
under surface: near Yellow-Green
Group 146A.

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number
of flowers -- usually 2 to 5 flowers per stem.

peduncle -- near Yellow-Green Group 146A with some
anthocyanin coloration of Greyed-Red
Group 182A [in coloration], medium in
size, commonly bears numerous small
prickles, and approximately 2.5 to 3 cm in
length.

sepals -- upper surface: near Yellow-Green Group
148B and 148C in coloration, and
pubescent.
-- under surface: near Yellow-Green Group
146C in coloration, pubescent, and
commonly bear small prickles.
-- number: five.
-- configuration: elongated and commonly
with some weak extensions (as illustrated).

buds -- shape: conical.

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- size: medium.
- length: approximately 2 cm on average.
- color upon opening:
upper surface: Primrose Yellow, near Yellow Group 4D, with a very light edging on the internal petals of Red Group 38D.
- under surface: Primrose Yellow, near Yellow Group 4D, with a very light edging on the internal petals of Red Group 38D.
- flower
 - shape: double and cup-shaped.
 - diameter: commonly approximately 8 to 10 cm on average.
- stem length: flowering stems commonly measure up to approximately 90 cm in length at the end of the growing season.

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- color (when opening begins):
 - upper surface: Primrose Yellow, near Yellow Group 4D, with a very light edging on the internal petals of Orient Pink, Red Group 36A.
 - under surface: Primrose Yellow, near Yellow Group 4D, with a very light edging on the internal petals of Orient Pink, Red Group 36A.
- color (when blooming):
 - upper surface: Primrose Yellow, near Yellow Group 4D, with a very light edging on the internal petals of Orient Pink, Red Group 36A.
 - under surface: Primrose Yellow, near Yellow Group 4D, with a very light edging on the internal petals of Orient Pink, Red Group 36A.

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- color (at end of opening):
upper surface: Primrose Yellow, near Yellow Group 4D, with a very light edging on the internal petals of Orient Pink, Red Group 36A.
under surface: Primrose Yellow, near Yellow Group 4D, with a very light edging on the internal petals of Orient Pink, Red Group 36A.
- fragrance: none.
- lasting quality: very long. The flowers commonly last approximately 10 to 12 days on the plant on average. The longevity of the flowers when cut and placed in a vase has not been evaluated since the variety is primarily intended for providing ornamentation outdoors in the landscape.

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- petal shape: with a cordate base and a [reflexed] cordate tip that is somewhat reflexed.
- petal number: approximately 99 to 107 on average.
- stamen: approximately 57 on average.
- anthers: near Yellow-Orange Group 15B in coloration.
- pollen: formed in a sparse quantity and near Yellow Group 9A in coloration.
- filaments: near Yellow-Orange Group 15D in coloration.
- pistils: approximately 66 on average.
- stigmas: near Yellow-Orange Group 15D in coloration.
- styles: near Yellow-Orange Group 15D in coloration.

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- receptacle: near Yellow-Green Group 146A
in coloration, and in longitudinal section in
the shape of a funnel.
- hips: substantially round in configuration.

DEVELOPMENT

- vegetation -- very strong.
- blooming -- very abundant.
- resistance to diseases -- very good [in general] with respect to
Black Spot. Slight susceptibility to
Powdery Mildew has been observed during
observations to date.
- aptitude to bear fruit -- medium.